

Title (en)
ENCAPSULATED ACTIVE MATERIAL IMMOBILIZED IN HYDROGEL MICROBEADS

Title (de)
IN HYDROGEL-MIKROPERLEN IMMOBILISIERTE EINGEKAPSELTE WIRKSTOFFE

Title (fr)
MATIERE ACTIVE ENCAPSULEE ET IMMOBILISEE DANS DES MICROPERLES D'HYDROGEL

Publication
EP 1221841 A1 20020717 (EN)

Application
EP 00972065 A 20001010

Priority
• US 0028029 W 20001010
• US 42576199 A 19991022

Abstract (en)
[origin: WO0130146A1] A microbead comprising a hydrophilic matrix having active-filled microcapsules entrained therein. Compositions comprising the microbeads suspended in solution are useful for delivering active material. The microbeads of the invention may be controllable by exposing the microbeads to high or low humidity or moisture.

IPC 1-7
A01N 25/28; **A61K 9/50**; **B01J 13/00**

IPC 8 full level
A01N 25/04 (2006.01); **A01N 25/10** (2006.01); **A01N 25/28** (2006.01); **A01N 25/30** (2006.01); **A01N 31/02** (2006.01); **A01N 37/02** (2006.01); **A61K 8/04** (2006.01); **A61K 8/11** (2006.01); **A61K 8/73** (2006.01); **A61K 8/88** (2006.01); **A61K 9/50** (2006.01); **A61K 47/32** (2006.01); **A61K 47/34** (2006.01); **A61K 47/36** (2006.01); **A61Q 13/00** (2006.01); **A61Q 19/00** (2006.01); **B01J 13/00** (2006.01); **B01J 13/14** (2006.01)

CPC (source: EP US)
A01N 25/28 (2013.01 - EP US); **A61K 8/0245** (2013.01 - EP US); **A61K 8/042** (2013.01 - EP US); **A61K 8/11** (2013.01 - EP US); **A61K 8/73** (2013.01 - EP US); **A61K 8/733** (2013.01 - EP US); **A61K 8/88** (2013.01 - EP US); **A61Q 13/00** (2013.01 - EP US); **B01J 13/0052** (2013.01 - EP US); **B01J 13/14** (2013.01 - EP US); **A61K 2800/412** (2013.01 - EP US); **A61K 2800/56** (2013.01 - EP US)

Citation (search report)
See references of WO 0130146A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0130146 A1 20010503; AR 026190 A1 20030129; AU 1078001 A 20010508; AU 779200 B2 20050113; CA 2386887 A1 20010503; DE 60007650 D1 20040212; DE 60007650 T2 20041111; EP 1221841 A1 20020717; EP 1221841 B1 20040107; JP 2003512395 A 20030402; US 6375968 B1 20020423

DOCDB simple family (application)
US 0028029 W 20001010; AR P000105530 A 20001020; AU 1078001 A 20001010; CA 2386887 A 20001010; DE 60007650 T 20001010; EP 00972065 A 20001010; JP 2001532586 A 20001010; US 42576199 A 19991022